CIVIL-TECH CONSULTANTS AND ENGINEERS

Building & Highway Material Testing Laboratory
An ISO 9001:2008 Certified Company
NABL - Accredited Laboratory as per ISO / IEC-17025 : 2005

JAS-ANZ BSCIC ISO 9001 REGISTERED

Job No.: CTCE/BBMP/W.No.15/KJ/CEMENT/2014-15

Date: 02.06.2014

TEST REPORT

CLIENT	:	**Asst. Executive Engineer,** Dasarahalli Sub Division, BBMP, Bangalore.
AGENCY	:	**Smt. K. Jayamma,** Contractor, Bangalore.
NAME OF THE WORK	:	Ward Maintenance for Gangmens & Tractor for 2nd shift 2.00PM to 10.00PM removing silt & debris in the drains road side burms in Dasarahalli Ward No.15, BBMP, Bangalore.
REFERENCE	:	EE/DD/W.O/261/2013-14 Dated: 29.05.2014
SAMPLE ID	:	CEMENT
SAMPLES SUPPLIED BY	:	AGENCY

The results of the tests conducted on the cement sample are as follows:

Sl.No	Descriptions	Test Method as per IS	Test Result	Requirements as per IS: 8112-2013
1	Standard Consistency	IS-4031 (Part -4)	29.00 %	-
2	a) Initial Setting Time	IS-4031 (Part -5)	145 Minutes	Not Less than 30 Minutes
	b) Final Setting Time	IS-4031 (Part -5)	475 Minutes	Not More than 600 Minutes
3	Soundness by the Le-Chatelier method	IS-4031 (Part 3)	1 mm	Not more than 10 mm

Civil-Tech Consultants & Engineers Bangalore

Note:

⇒ The report shall not be reproduced, except in full, without the written approval of the laboratory.

⇒ The results indicated above are based on the tests carried out on the samples received in the laboratory.

⇒ Any Query regarding the report must be reported within 30 days from the date of testing.

M/s. Civil-Tech Consultants & Engineers
 # 23/14, 7th Cross, 3rd Stage,
4th Block, Shakthiganapathinagara,
Basaveshwaranagar,
Bangalore-560079.

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Job No.: CTCE/BBMP/W.No.15/KJ/SAND/2014-15 : 02.06.2014

TEST REPORT ON FINE AGGREGATES
IS 383-1970 (RA- 2002)

Client : **Asst. Executive Engineer,** Dasarahalli Sub Division, BBMP, Bangalore.

Agency : **Smt. K. Jayamma,** Contractor, Bangalore.

Name of Work : Ward Maintenance for Gangmens & Tractor for 2nd shift 2.00PM to 10.00PM removing silt & debris in the drains road side burms in Dasarahalli Ward No.15, BBMP, Bangalore.

Reference : EE/DD/W.O/261/2013-14 Dated: 29.05.2014

Date of Testing : 02.06.2014

Material : Sand Total Wt. of Aggregates in gms **1000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits For Zone-II
10	0	0	0	100	100
4.75	60	6.00	6.00	94.0	90-100
2.36	170	17.00	23.00	77.0	75-100
1.18	195	19.50	42.50	57.5	55-90
600 Micron	210	21.00	63.50	36.5	35-59
300 Micron	220	22.00	85.50	14.5	8-30
150 Micron	120	12.00	97.50	2.5	0-10

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ಬಿ.ಹಾಲುರಾಷ್ಟ್ರ ಶಾಖಾ-ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಬಿಬಿಎಂಪಿ
ಬೆಂಗಳೂರು

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